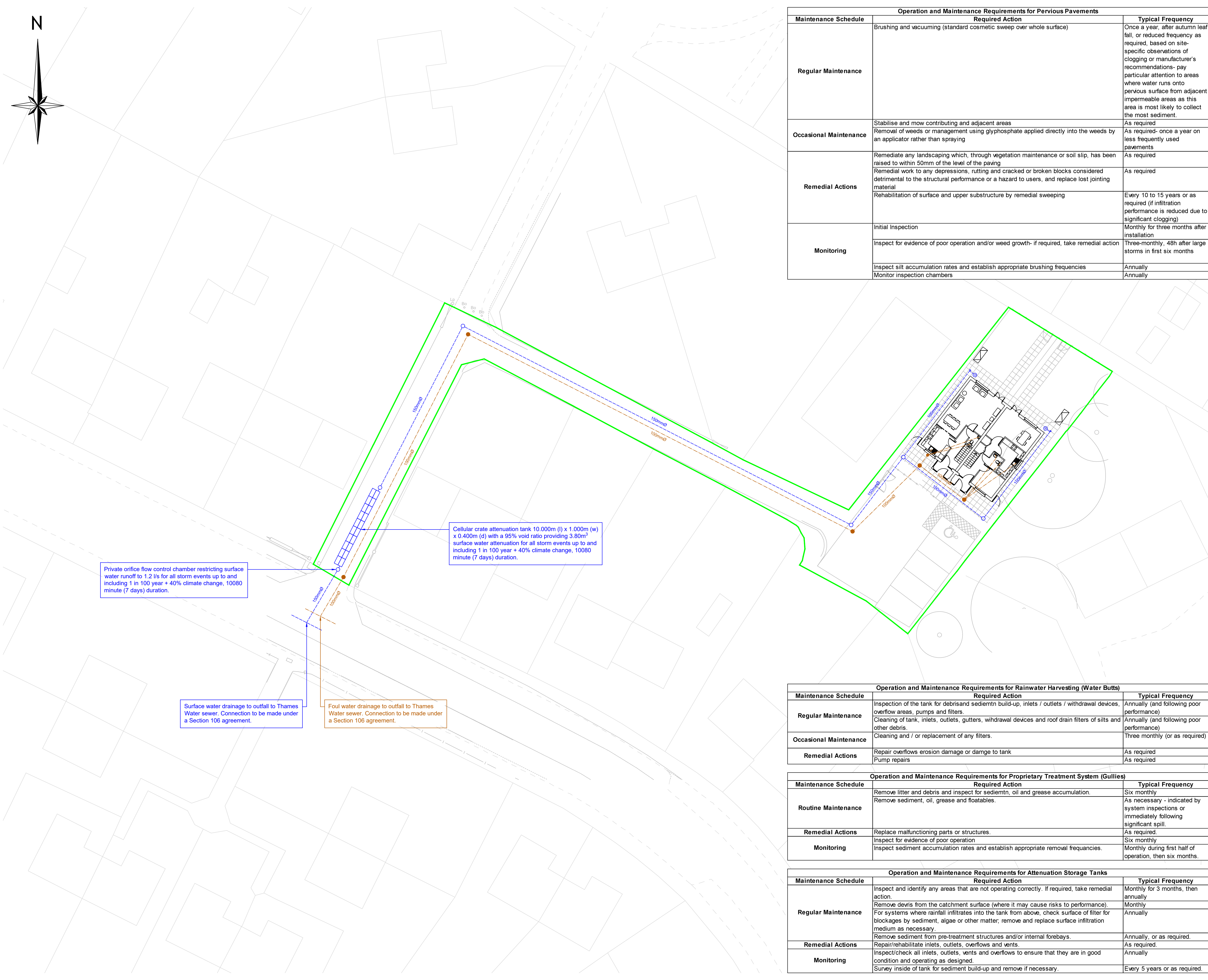




Operation and Maintenance Requirements for Pervious Pavements		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Brushing and vacuuming (standard cosmetic sweep over whole surface)	Once a year, after autumn leaf fall, or reduced frequency as required, based on site-specific observations of clogging or manufacturer's recommendations- pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect the most sediment.
Occasional Maintenance	Stabilise and mow contributing and adjacent areas	As required
	Removal of weeds or management using glyphosate applied directly into the weeds by an applicator rather than spraying	As required- once a year on less frequently used pavements
Remedial Actions	Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50mm of the level of the paving	As required
	Remedial work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required
	Rehabilitation of surface and upper substructure by remedial sweeping	Every 10 to 15 years or as required (if infiltration performance is reduced due to significant clogging)
Monitoring	Initial Inspection	Monthly for three months after installation
	Inspect for evidence of poor operation and/or weed growth- if required, take remedial action	Three-monthly, 48h after large storms in first six months
	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor inspection chambers	Annually

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General Notes

- Do not scale this drawing.
- All dimensions are in millimeters unless stated otherwise.
- This drawing is to be read in conjunction with all other relevant drawings & specifications.
- All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
- No works shall commence on site until approval has been obtained from all relevant Agencies / Authorities.
- All dimensions referred to in this drawing must be verified.

Key	
	Site boundary
	Proposed foul water manhole
	Proposed surface water manhole
	Proposed surface water drain
	Proposed surface water drain
	Cellular attenuation crate
	Water butt

Operation and Maintenance Requirements for Rainwater Harvesting (Water Butts)		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspection of the tank for debrisand siediemn build-up, inlets / outlets / withdrawal devices, overflow areas, pumps and filters.	Annually (and following poor performance)
	Cleaning of tank, inlets, outlets, gutters, whidrawal devices and roof drain filters of silts and other debris.	Annually (and following poor performance)
Occasional Maintenance	Cleaning and / or replacement of any filters.	Three monthly (or as required)
Remedial Actions	Repair overflows erosion damage or damge to tank	As required
	Pump repairs	As required

Operation and Maintenance Requirements for Proprietary Treatment System (Gullies)		
Maintenance Schedule	Required Action	Typical Frequency
Routine Maintenance	Remove litter and debris and inspect for siediemn, oil and grease accumulation.	Six monthly
	Remove sediment, oil, grease and floatables.	As necessary - indicated by system inspections or immediately following significant spill.
Remedial Actions	Replace malfunctioning parts or structures.	As required.
Monitoring	Inspect for evidence of poor operation	Six monthly
	Inspect sediment accumulation rates and establish appropriate removal frequencies.	Monthly during first half of operation, then six months.

Operation and Maintenance Requirements for Attenuation Storage Tanks		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then annually
	Remove devis from the catchment surface (where it may cause risks to performance).	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockages by sediment, algae or other matter, remove and replace surface infiltration medium as necessary.	Annually
Remedial Actions	Remove sediment from pre-treatment structures and/or internal forebays.	Annually, or as required.
	Repair/rehabilitate inlets, outlets, overflows and vents.	As required.
Monitoring	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed.	Annually
	Survey inside of tank for sediment build-up and remove if necessary.	Every 5 years or as required.

P1	First Issue	08.12.2020
Revision	Description	Date

PRELIMINARY

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Project
Former Garages Site, Rear of 23 & 24,
Vernon Drive, Harefield

Title
Foul and Surface Water Drainage
Layout Plan

Drawn by SG	Checked by SG	Paper Size A1
Drawing Number 09-0024-001		Revision P1
		Scale 1:200
		Date 08.12.2020